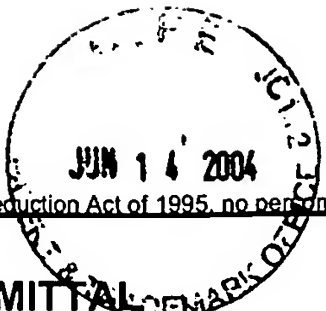


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PTO/SB/21 (02-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/678,772	
	Filing Date	10/3/2003	
	First Named Inventor	Sheikh A. Akbar et al	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	244	Attorney Docket Number	OSU 2-206

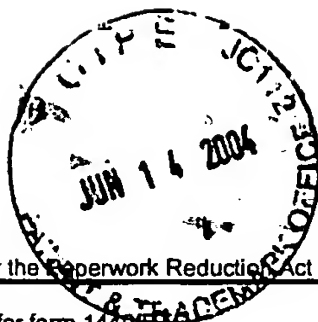
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/678,772
		Filing Date	10/3/2003
		First Named Inventor	Sheikh A. Akbar etal
		Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	OSU 2-206

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		M. P. HAROLD, et al.; Catalysis with inorganic membranes; MRS Bulletin, 1994. 19(4): p. 34-9.	✓
		XAGAS, ANDROULAKI, HISKIA, & FALARAS; Preparation, fractal surface morphology and photocatalytic properties of TiO ₂ films. Thin Solid Films, 1999. 357(2): p. 173-178	✓
		O.K.VARGHESE, et al.; Crystallization and high-temperature structural stability of titanium oxide nanotube arrays. Journal of Materials Research, 2003. 18(1): p. 156-165	✓
		O'REGAN & GRAETZEL; A low cost, high-efficiency solar cell based on dye-sensitized colloidal titanium dioxide films. Nature (London, United Kingdom), 1991. 353(6346): p.5017-18	✓
		MARGUERETTAZ & FITZMAURICE; Heterosupramolecular chemistry: long-lived charge trapping by vectorial electron flow in a heterotriad. Journal of the American Chemical Society, 1994. 116(11): p. 5017-18	✓
		KASUGA, et al.; Formation of Titanium Oxide Nanotube. Langmuir, 1998. 14(12): p. 3160-3163	✓
		KASUGA, et al.; Titania nanotubes prepared by chemical processing. Advanced Materials (Weinheim, Germany), 1999. 11(15): p. 1307-1311	✓
		GONG, et al.; Titanium oxide nanotube arrays prepared by anodic oxidation. Journal of Materials Research, 2001. 16(12): p. 3331-3334	✓
		MICHAJLOWSKI, ALMAWLAWI, CHENG, & MOSKOVITS; Highly regular anatase nanotubule arrays fabricated in porous anodic templates. Chemical Physics Letters, 2001. 349 (1,2): p. 1-5	✓
		IMAI, et al.; Direct preparation of anatase TiO ₂ nanotubes in porous alumina membranes. Journal of Materials Chemistry, 1999. 9(12): p. 2971-2972	✓

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		Application Number	10/678,772
		Filing Date	10/3/2003
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		Examiner Name	
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DU, etal.; Preparation and structure analysis of titanium oxide nanotubes. Applied Physics Letters, 2001. 79(22): p. 3702-3704	✓
		SUGIURA, YOSHIDA & MINOURA; Designing a TiO2 nano-honeycomb structure using photoelectrochemical etching. Electrochemical and Solid-State Letters, 1998. 1(4): p. 175-177	✓
		IMHOF & PINE; Ordered Macroporous materials by emulsion templating. Nature (London), 1997. 389(6654): p. 948-951.	✓
		BARIN; Thermochemical Data of Pure Substances. ed., ed. Vol. 48, 573, 620, 622, 700, 702, 703, 1213, 1690-1696, 1775, 1778-1780. 1995, Weinheim, Germany: VCH Verlagsgesellschaft	✓
		LYNCH & BULLARD; Phase equilibria in the titanium-oxygen system. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 1997, 28B(3): p. 447-453	✓
		CATLOW; Defect clustering in nonstoichiometric oxides, in Nonstoichiometric Oxides, O. Sorensen, Editor^Editors. 1981, Academic Press, Inc.: New York. p. 61-98	✓

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First Named Inventor

Sheikh A. Akbar

Art Unit

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (<i>if known</i>)				
		WO 98/48456 A1	10-29-1998	Ying		
		WO 03/053851 A2	07-03-2003	Park		
		DE 10064865 A1	07-04-2002	Graff, et al.		
		CN 1358670 A	07-17-2002	Qiu, et al.		
		CN 1419846 A	11-19-2001	Ting, et al.		
		JP 3409126 B2	03-20-2003	Makita, et al.		

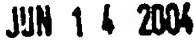
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Sheet	3	of	3
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Application Number	
Filing Date	
First Named Inventor	Sheikh A. Akbar
Art Unit	
Examiner Name	
Attorney Docket Number	OSU 2-206

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		TW 444067B	07-01-2001	Shr, et al.		

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